

=> s iiniiniin/sqsn

L1 48 IINIINIIN/SQSN

=> s l1 and 1-100/sql

2579173 1-100/SQL

L2 48 L1 AND 1-100/SQL

=> file caplus

COST IN U.S. DOLLARS

	ENTRY	SINCE FILE SESSION	TOTAL
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FULL ESTIMATED COST

	32.02	32.23
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FILE LAST UPDATED: 17 Jul 2002 (20020717/ED)

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=> s l2

L3 22 L2

=> d 1-22 bib hitstr

L3 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:674895 CAPLUS

DN 136:16837
TI DNA triple-helix formation at pyrimidine-purine inversion sites
AU Parel, Serge P.; Marfurt, Judith; Leumann, Christian J.
CS Department of Chemistry and Biochemistry, University of Bern, Bern,
CH-3012, Switz.
SO Nucleosides, Nucleotides & Nucleic Acids (2001), 20(4-7), 411-417
CODEN: NNNAFY; ISSN: 1525-7770
PB Marcel Dekker, Inc.
DT Journal
LA English
IT 376655-82-2 376655-83-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(DNA triple-helix formation at pyrimidine-purine inversion sites)

RN 376655-82-2 CAPLUS

CN DNA, d(.alpha.-[1'-de(6-amino-9H-purin-9-yl)-1'-(1,6-dihydro-6-oxo-7H-
purin-7-yl)](A-A-A-A-A-A-A-A-A-A)-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 376655-83-3 CAPLUS

CN DNA, d([1'-de(6-amino-9H-purin-9-yl)-1'-(1,6-dihydro-6-oxo-7H-purin-7-
yl)](A-A-A-A-A-A-A-A-A-A)-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS
RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:303883 CAPLUS

DN 135:242450

TI Photolithographic synthesis of high-density oligonucleotide arrays

AU McGall, Glenn H.; Fidanza, Jacqueline A.

CS Affymetrix Inc., Santa Clara, CA, USA

SO Methods in Molecular Biology (Totowa, NJ, United States) (2001), 170(DNA
Arrays), 71-101

CODEN: MMBIED; ISSN: 1064-3745

PB Humana Press Inc.

DT Journal

LA English

IT 360079-80-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(photolithog. synthesis of high-d. oligonucleotide arrays)

RN 360079-80-7 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I), 5'-[1-(6-nitro-1,3-benzodioxol-5-yl)ethyl
carbonate] (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:101175 CAPLUS

DN 134:142307

TI Octopus tachykinin, cDNA, recombinant expression, and drug/agrochemical use

IN Minakata, Hiroyuki; Iwakoshi, Eiko; Kuroda, Kyoko

PA Suntory Limited., Japan

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001009171	A1	20010208	WO 2000-JP4944	20000725
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W: AU, CA, CN, KR, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

JP 2001103979	A2	20010417	JP 2000-86236	20000327
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EP 1213297	A1	20020612	EP 2000-946483	20000725
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY

PRAI JP 1999-216922 A 19990730

JP 2000-86236 A 20000327

WO 2000-JP4944 W 20000725

IT 323222-88-4, 5: PN: WO0109171 PAGE: 16 unclaimed DNA

RL: PRP (Properties)

(unclaimed nucleotide sequence; octopus tachykinin, cDNA, recombinant expression, and drug/agrochem. use)

RN 323222-88-4 CAPLUS

CN 5: PN: WO0109171 PAGE: 16 unclaimed DNA (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2000:323110 CAPLUS

DN 133:173529

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD

L3 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2002 ACS

DN 131:55318

AU Becker, Michael; Lerum, Vicente; Dickson, Steve; Nelson, Norman C.;
Matsuda, Eiji

CS Gen-Probe Incorporated, San Diego, CA, 92121, USA

SO Biochemistry (1999), 38(17), 5603-5611

CODEN: BICHA W; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

IT 228247-16-3D, acridinium labeled 228247-23-2D,
acridinium labeled 228247-24-3D, acridinium labeled
228247-25-4D, acridinium labeled

RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)
(evidence that the nucleic acid double helix is dehydrated from
hydrolysis of acridinium ester-labeled probes)

RN 228247-16-3 CAPLUS

CN DNA, d(C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C), complex with DNA
d(I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I) (1:1) (9CI) (CA INDEX NAME)

RN 228247-23-2 CAPLUS

[illegible]

RN 228247-24-3 CAPLUS

[illegible]

RN 228247-25-4 CAPLUS

PA Epoch Pharmaceuticals, Inc., USA

SO U.S., 20 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI US 5652359	A	19970729	US 1993-162590	19931202
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OS MARPAT 127:190989

IT 160967-97-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-alkylthiopurine-contg. oligoribonucleotides as virucides)

RN 160967-97-5 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1997:324847 CAPLUS

DN 127:50915

TI The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates

AU McGall, Glenn H.; Barone, Anthony D.; Diggelmann, Martin; Fodor, Stephen P. A.; Gentelen, Erik; Ngo, Nam

CS Affymetrix Inc., Santa Clara, CA, 95051, USA

SO Journal of the American Chemical Society (1997), 119(22), 5081-5090

CODEN: JACSAT; ISSN: 0002-7863

PB American Chemical Society

DT Journal

LA English

IT 190977-46-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(efficiency of light-directed synthesis of DNA arrays on glass substrates)

RN 190977-46-9 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1996:485943 CAPLUS
DN 125:188623
TI Binding Studies of a Triple-Helical Peptide Model of Macrophage Scavenger
Receptor to Tetraplex Nucleic Acids
AU Mielewczyk, Slawomir S.; Anachi, Rajini Balakrishnan; Breslauer, Kenneth
J.; Brodsky, Barbara
CS Department of Chemistry, Rutgers State University of New Jersey,
Piscataway, NJ, 08855, USA
SO Biochemistry (1996), 35(35), 11396-11402
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English
IT 180617-49-6
RL: BPR (Biological process); PRP (Properties); BIOL (Biological study);
PROC (Process)
(tetraplex; binding studies of a triple-helical peptide model of
macrophage scavenger receptor to tetraplex nucleic acids)
RN 180617-49-6 CAPLUS
CN DNA, d(T-I-I-I-I-I-I-I-I-I-I-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1995:274084 CAPLUS
DN 122:122509
TI Anti-human immunodeficiency virus activity of a novel class of
thiopurine-based oligonucleotides
AU Meyer, Rich B., Jr.; Gall, Alexander A.; Gorn, Vladimir V.
CS MicroProbe Corp., Bothell, WA, 98021, USA
SO ACS Symp. Ser. (1994), 580(Carbohydrate Modifications in Antisense
Research), 199-210
CODEN: ACSMC8; ISSN: 0097-6156
DT Journal
LA English
IT 160967-97-5P 160967-98-6P 160967-99-7P
160968-00-3P 160968-01-4P 160968-02-5P
160968-03-6P 160968-04-7P 160968-06-9P
160968-08-1P 160968-09-2P 160968-10-5P
160968-11-6P 160968-12-7P
RL: BAC (Biological activity or effector, except adverse); PRP
(Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL
(Biological study); PREP (Preparation); USES (Uses)
(anti-human immunodeficiency virus activity of novel class of
thiopurine-based oligonucleotides in human cells)
RN 160967-97-5 CAPLUS

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-[(3R-trans)-1-
[[[(3.beta.)-cholest-5-en-3-yl]oxy]carbonyl]-5-(hydroxymethyl)-3-
pyrrolidinyl hydrogen phosphate] (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-03-6 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im),
3'-(6-hydroxyhexyl hydrogen phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-04-7 CAPLUS

RN 160968-06-9 CAPLUS

CN DNA, (P-thio)(m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im),
3'-(6-hydroxyhexyl hydrogen phosphorothioate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-08-1 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen
phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-09-2 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im),
3'-[(3R-trans)-1-[[[(3.beta.)-cholest-5-en-3-yl]oxy]carbonyl]-5-
(hydroxymethyl)-3-pyrrolidinyl hydrogen phosphate] (9CI) (CA INDEX NAME)

AN 1994:271061 CAPLUS

TI Matrix-assisted laser-desorption mass spectrometry of homopolymer oligodeoxyribonucleotides. Influence of base composition on the mass spectrometric response

AU Schneider, Klaus; Chait, Brian T.

CS Rockefeller Univ., New York, NY, 10021, USA

SO Org. Mass Spectrom. (1993), 28(11), 1353-61

CODEN: ORMSBG; ISSN: 0030-493X

DT Journal

LA English

IT 154655-27-3

RL: PRP (Properties)

(matrix-assisted laser-desorption mass spectrometry of homopolymer oligodeoxyribonucleotides in DNA sequence detn.)

RN 154655-27-3 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I) (9Cl) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1992:408370 CAPLUS

DN 117:8370

TI Preparation of polyoxyalkylene-linked oligonucleotide derivatives as antiviral agents

IN Shibahara, Susumu; Morisawa, Hirokazu; Yamamoto, Naoki; Wakayama, Hideko; Mukoyama, Sachiko

PA Ajinomoto Co., Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
1,000,000	A	1/1/1900	1,000,000	1/1/1900
2,000,000	B	2/2/1901	2,000,000	2/2/1901
3,000,000	C	3/3/1902	3,000,000	3/3/1902
4,000,000	D	4/4/1903	4,000,000	4/4/1903
5,000,000	E	5/5/1904	5,000,000	5/5/1904
6,000,000	F	6/6/1905	6,000,000	6/6/1905
7,000,000	G	7/7/1906	7,000,000	7/7/1906
8,000,000	H	8/8/1907	8,000,000	8/8/1907
9,000,000	I	9/9/1908	9,000,000	9/9/1908
10,000,000	J	10/10/1909	10,000,000	10/10/1909
11,000,000	K	11/11/1910	11,000,000	11/11/1910
12,000,000	L	12/12/1911	12,000,000	12/12/1911
13,000,000	M	13/13/1912	13,000,000	13/13/1912
14,000,000	N	14/14/1913	14,000,000	14/14/1913
15,000,000	O	15/15/1914	15,000,000	15/15/1914
16,000,000	P	16/16/1915	16,000,000	16/16/1915
17,000,000	Q	17/17/1916	17,000,000	17/17/1916
18,000,000	R	18/18/1917	18,000,000	18/18/1917
19,000,000	S	19/19/1918	19,000,000	19/19/1918
20,000,000	T	20/20/1919	20,000,000	20/20/1919
21,000,000	U	21/21/1920	21,000,000	21/21/1920
22,000,000	V	22/22/1921	22,000,000	22/22/1921
23,000,000	W	23/23/1922	23,000,000	23/23/1922
24,000,000	X	24/24/1923	24,000,000	24/24/1923
25,000,000	Y	25/25/1924	25,000,000	25/25/1924
26,000,000	Z	26/26/1925	26,000,000	26/26/1925
27,000,000	AA	27/27/1926	27,000,000	27/27/1926
28,000,000	AB	28/28/1927	28,000,000	28/28/1927
29,000,000	AC	29/29/1928	29,000,000	29/29/1928
30,000,000	AD	30/30/1929	30,000,000	30/30/1929
31,000,000	AE	31/31/1930	31,000,000	31/31/1930
32,000,000	AF	32/32/1931	32,000,000	32/32/1931
33,000,000	AG	33/33/1932	33,000,000	33/33/1932
34,000,000	AH	34/34/1933	34,000,000	34/34/1933
35,000,000	AI	35/35/1934	35,000,000	35/35/1934
36,000,000	AJ	36/36/1935	36,000,000	36/36/1935
37,000,000	AK	37/37/1936	37,000,000	37/37/1936
38,000,000	AL	38/38/1937	38,000,000	38/38/1937
39,000,000	AM	39/39/1938	39,000,000	39/39/1938
40,000,000	AN	40/40/1939	40,000,000	40/40/1939
41,000,000	AO	41/41/1940	41,000,000	41/41/1940
42,000,000	AP	42/42/1941	42,000,000	42/42/1941
43,000,000	AQ	43/43/1942	43,000,000	43/43/1942
44,000,000	AR	44/44/1943	44,000,000	44/44/1943
45,000,000	AS	45/45/1944	45,000,000	45/45/1944
46,000,000	AT	46/46/1945	46,000,000	46/46/1945
47,000,000	AU	47/47/1946	47,000,000	47/47/1946
48,000,000	AV	48/48/1947	48,000,000	48/48/1947
49,000,000	AW	49/49/1948	49,000,000	49/49/1948
50,000,000	AX	50/50/1949	50,000,000	50/50/1949
51,000,000	AY	51/51/1950	51,000,000	51/51/1950
52,000,000	AZ	52/52/1951	52,000,000	52/52/1951
53,000,000	BA	53/53/1952	53,000,000</	

PI JP 03240795 A2 19911028 JP 1990-34498 19900215

IT 138987-93-6DP, phosphate ester with polyethylene glycol
138987-93-6P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of, as virucide)

RN 138987-93-6 CAPLUS

CN Inosine, 5'-O-(hydroxymercaptophosphinyl)-P-thioinosinylyl-(3'.fwdarw.5')-
P-thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-

thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')- (9CI) (CA
INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 138987-93-6 CAPLUS

CN Inosine, 5'-O-(hydroxymercaptophosphinyl)-P-thioinosinylyl-(3'.fwdarw.5')-
P-thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')-P-
thioinosinylyl-(3'.fwdarw.5')-P-thioinosinylyl-(3'.fwdarw.5')- (9CI) (CA
INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1991:529735 CAPLUS

DN 115:129735

TI Quadruplex DNA formation in a region of the tRNA gene supF associated with
hydrogen peroxide mediated mutations

AU Akman, Steven A.; Lingeman, Robert G.; Doroshow, James H.; Smith, Steven
S.

CS City Hope Natl. Med. Cent., Duarte, CA, 91010, USA

SO Biochemistry (1991), 30(35), 8648-53

CODEN: BICHAW; ISSN: 0006-2960

DT Journal

LA English

IT 135695-32-8

RL: PRP (Properties)

(secondary structure of, gene supF mutation from hydroxyl in relation
to)

RN 135695-32-8 CAPLUS

CN DNA, d(A-A-A-I-T-I-A-T-I-I-T-I-I-I-I-A-A-I-I-A-T-T-C-I-A-A-C-C-T)
(9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1991:505986 CAPLUS
DN 115:105986
TI Short therapeutic dsRNA of defined structure
IN Gillespie, David H.; Carter, William A.
PA Hem Research, Inc., USA
SO PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9014090	A1	19901129	WO 1989-US2172	19890519
W: AU, BB, BG, BR, DK, FI, HU, JP, KP, KR, LK, MG, MW, NO, RO, SD, SU RW: AT, BE, BF, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG				
AU 8937368	A1	19901218	AU 1989-37368	19890519
EP 473576	A1	19920311	EP 1989-906635	19890519
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 04507083	T2	19921210	JP 1989-503637	19890519
NO 9104529	A	19920414	NO 1991-4529	19911119
PRAI WO 1989-US2172		19890519		
IT 135751-31-4		135770-06-8	135770-07-9	
RL: BIOL (Biological study) (double-stranded RNA for activation of double-stranded RNA-dependent enzymes and induction of interferon)				
RN 135751-31-4 CAPLUS				
CN RNA, (U-C-I-A-A-U-I-I-I-C-C-C-C-C-C-C-C-U-C-U-U-A-A), complex with RNA (U-U-A-A-I-A-I-I-I-I-I-I-I-I-I-I-C-C-C-A-U-U-C-I-A) (1:1) (9CI) (CA INDEX NAME)				

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 135770-06-8 CAPLUS

CN Inosine, uridylyl-(3'.fwdarw.5')-adenylyl-(3'.fwdarw.5')-adenylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-, complex with
cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-
cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-
cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-
cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-
uridylyl-(5'.fwdarw.3')-uridylyl-(5'.fwdarw.3')-adenosine (1:1) (9CI) (CA

INDEX NAME)

CM 1

CRN 135493-60-6
CMF C179 H201 N72 O105 P17
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 135493-24-2
CMF C136 H179 N45 O89 P14
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 135770-07-9 CAPLUS

CN Adenosine, uridylyl-(5'.fwdarw.3')-adenylyl-(5'.fwdarw.3')-adenylyl-(5'.fwdarw.3')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-uridylyl-(3'.fwdarw.5')-uridylyl-(3'.fwdarw.5')-cytidylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-; complex with uridylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-adenylyl-(5'.fwdarw.3')-adenylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-cytidylyl-(5'.fwdarw.3')-uridylyl-(5'.fwdarw.3')-uridylyl-(5'.fwdarw.3')-adenosine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 135493-69-5
CMF C196 H225 N76 O118 P19
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 135493-65-1
CMF C184 H237 N64 O118 P19
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1990:235780 CAPLUS

DN 112:235780

TI Preparation of oligoribonucleotides as antiviral agents for treatment of
AIDS

IN Shibahara, Susumu; Morisawa, Hirokazu; Nakajima, Hideki; Yamamoto, Naoki;
Mukai, Sachiko

PA Ajinomoto Co., Inc., Japan

SO Eur. Pat. Appl., 53 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 339842	A2	19891102	EP 1989-303700	19890413
EP 339842	A3	19940309		
EP 339842	B1	19961106		
R: DE, FR, GB				
JP 03128391	A2	19910531	JP 1989-64058	19890316
JP 2976436	B2	19991110		
EP 739899	A2	19961030	EP 1996-106543	19890413
EP 739899	A3	19961218		
EP 739899	B1	20010613		
R: DE, FR, GB				
EP 739900	A2	19961030	EP 1996-106544	19890413
EP 739900	A3	19961218		
EP 739900	B1	20010613		
R: DE, FR, GB				
EP 739901	A2	19961030	EP 1996-106545	19890413
EP 739901	A3	19961113		
EP 739901	B1	20011219		
R: DE, FR, GB				
EP 739902	A2	19961030	EP 1996-106546	19890413
EP 739902	A3	19961218		
EP 739902	B1	20010613		
R: DE, FR, GB				
PRAI JP 1988-104943	A	19880427		

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

[illegible]

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PA Johns Hopkins University, USA

SO Can., 41 pp. Division of Can. Appl. No. 212,624.

CODEN: CAXXA4

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CA 1101849	A2	19810526	CA 1979-336619	19790928
US 4024222	A	19770517	US 1973-411119	19731030
CA 1073387	A1	19800311	CA 1974-212624	19741030
PRAI US 1973-411119		19731030		
CA 1974-212624		19741030		

IT 79394-94-8 79395-03-2

RL: BIOL (Biological study)
(interferon induction by)

RN 79394-94-8 CAPLUS

CN 5'-Inosinic acid, 2'-O-methyl-, polymer with inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosine, complex with 5'-cytidylic acid homopolymer (1:1)
(9CI) (CA INDEX NAME)

CM 1

CRN 39014-25-0

CMF C100 H111 N40 O68 P9

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 15475-12-4
CMF C11 H15 N4 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

CM 3

CRN 30811-80-4
CMF (C9 H14 N3 O8 P)x
CCI PMS

CM 4

CRN 63-37-6
CMF C9 H14 N3 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

RN 79395-03-2 CAPLUS

CN 5'-Cytidylic acid, homopolymer, complex with inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 39014-25-0
CMF C100 H111 N40 O68 P9
CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4
CMF (C9 H14 N3 O8 P)x
CCI PMS

CM 3

CRN 63-37-6
CMF C9 H14 N3 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

L3 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1975:402601 CAPLUS

DN 83:2601

TI Comparative ability of RNA and DNA to prime DNA synthesis in vitro. Role
of sequence, sugar, and structure of template . primer

AU Tamblyn, Toby M.; Wells, Robert D.

CS Coll. Agric. Life Sci., Univ. Wisconsin, Madison, Wis., USA

SO Biochemistry (1975), 14(7), 1412-25

CODEN: BICHAW

DT Journal

LA English

IT 55512-76-0

RL: BIOL (Biological study)
(DNA polymerase priming by)

RN 55512-76-0 CAPLUS

CN 3'-Inosinic acid, inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-

inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L3 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1974:37419 CAPLUS

DN 80:37419

TI Cooperative and thermodynamic parameters for oligoinosinate-polycytidylate
complexes

AU Springgate, M. W.; Poland, Douglas

CS Dep. Chem., Johns Hopkins Univ., Baltimore, Md., USA

SO Biopolymers (1973), 12(10), 2241-60

CODEN: BIPMAA

DT Journal

LA English

IT 51236-39-6 51288-32-5 51376-64-8

RL: PRP (Properties)

(thermodynamic properties of)

RN 51236-39-6 CAPLUS

CN 5'-Inosinic acid, inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-, complex with 5'-cytidylic acid homopolymer (1:1) (9CI)
(CA INDEX NAME)

CM 1

CRN 51236-38-5

CMF C110 H123 N44 O78 P11

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4

CMF (C9 H14 N3 O8 P)x

CCI PMS

CM 3

CRN 63-37-6

CMF C9 H14 N3 O8 P

CDES 5:B-D-RIBO

Absolute stereochemistry.

RN 51288-32-5 CAPLUS

CN 5'-Inosinic acid, inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-, complex with
5'-cytidylic acid homopolymer (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 51288-31-4

CMF C100 H112 N40 O71 P10

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4

CMF (C9 H14 N3 O8 P)_x

CCI PMS

CM 3

CRN 63-37-6

CMF C9 H14 N3 O8 P

CDES 5:B-D-RIBO

Absolute stereochemistry.

RN 51376-64-8 CAPLUS

CN 5'-Inosinic acid, inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-, complex with 5'-cytidylic acid homopolymer
(1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 51376-63-7

CMF C90 H101 N36 O64 P9

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4

CMF (C9 H14 N3 O8 P)x

CCI PMS

CM 3

CRN 63-37-6

CMF C9 H14 N3 O8 P

CDES 5:B-D-RIBO

Absolute stereochemistry.

L3 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1972:540441 CAPLUS

DN 77:140441

TI Oligonucleotides. 2. Conformation of oligoinosinates. Chain-length dependence and comparison to other oligonucleotides

AU Tazawa, Setsuko; Tazawa, Ichiro; Alderfer, James L.; Ts'o, Paul O. P.

CS Dep. Radiol. Sci., Johns Hopkins Univ., Baltimore, Md., USA

SO Biochemistry (1972), 11(19), 3544-58

CODEN: BICHAW

DT Journal

LA English

IT 39014-26-1

RL: PRP (Properties)

(conformation of, CD and NMR in relation to)

RN 39014-26-1 CAPLUS

CN Inosine, inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

IT 39014-25-0

RL: RCT (Reactant)

(conformation of, CD and NMR in relation to)

RN 39014-25-0 CAPLUS

CN Inosine, inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

=> file registry

COST IN U.S. DOLLARS

	ENTRY	SINCE FILE SESSION	TOTAL
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FULL ESTIMATED COST		36.43	68.66
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DICTIONARY FILE UPDATES: 17 JUL 2002 HIGHEST RN 439210-99-8

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> s iiniiniinn/sqsn
L4      45 IINIINIINN/SQSN
```

```
=> s l4 and 1-100/sql
      2579173 1-100/SQL
L5      45 L4 AND 1-100/SQL
```

```
=> caplus
CAPLUS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE   TOTAL
                               ENTRY  SESSION
FULL ESTIMATED COST          31.26   99.92
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=> s 15

L6 22 L5

=> d 1-22 bib hitstr

L6 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:674895 CAPLUS

DN 136:16837

TI DNA triple-helix formation at pyrimidine-purine inversion sites

AU Parel, Serge P.; Marfurt, Judith; Leumann, Christian J.

CS Department of Chemistry and Biochemistry, University of Bern, Bern, CH-3012, Switz.

SO Nucleosides, Nucleotides & Nucleic Acids (2001), 20(4-7), 411-417

CODEN: NNNAFY; ISSN: 1525-7770

PB Marcel Dekker, Inc.

DT Journal

LA English

IT 376655-82-2 376655-83-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(DNA triple-helix formation at pyrimidine-purine inversion sites)

RN 376655-82-2 CAPLUS

CN DNA, d(.alpha.-[1'-de(6-amino-9H-purin-9-yl)-1'-(1,6-dihydro-6-oxo-7H-purin-7-yl)](A-A-A-A-A-A-A-A-A-A)-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 376655-83-3 CAPLUS

CN DNA, d([1'-de(6-amino-9H-purin-9-yl)-1'-(1,6-dihydro-6-oxo-7H-purin-7-yl)](A-A-A-A-A-A-A-A-A-A)-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:303883 CAPLUS

DN 135:242450

TI Photolithographic synthesis of high-density oligonucleotide arrays

AU McGall, Glenn H.; Fidanza, Jacqueline A.

CS Affymetrix Inc., Santa Clara, CA, USA
SO Methods in Molecular Biology (Totowa, NJ, United States) (2001), 170(DNA
Arrays), 71-101
CODEN: MMBIED; ISSN: 1064-3745
PB Humana Press Inc.
DT Journal
LA English
IT 360079-80-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(photolithog. synthesis of high-d. oligonucleotide arrays)
RN 360079-80-7 CAPLUS
CN DNA, d(I-I-I-I-I-I-I-I-I-I), 5'-[1-(6-nitro-1,3-benzodioxol-5-yl)ethyl
carbonate] (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS
RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 2001:101175 CAPLUS

DN 134:142307

TI Octopus tachykinin, cDNA, recombinant expression, and drug/agrochemical
use

IN Minakata, Hiroyuki; Iwakoshi, Eiko; Kuroda, Kyoko

PA Suntory Limited., Japan

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001009171	A1	20010208	WO 2000-JP4944	20000725
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W: AU, CA, CN, KR, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE

JP 2001103979	A2	20010417	JP 2000-86236	20000327
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EP 1213297	A1	20020612	EP 2000-946483	20000725
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY

PRAI JP 1999-216922 A 19990730

JP 2000-86236 A 20000327

WO 2000-JP4944 W 20000725

IT 323222-88-4, 5: PN: WO0109171 PAGE: 16 unclaimed DNA

RL: PRP (Properties)

CN 5: PN: WO0109171 PAGE: 16 unclaimed DNA (9CI) (CA INDEX NAME)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD

CN DNA, d(T-T-T-T-T-T-T-T-T-T-T-T-T-I-I-I-I-I-I-I-I-I-I-I) (9CI)
(CA INDEX NAME)

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
RECORD

SO Journal of Biological Chemistry (1999), 274(18), 12797-12802

CN DNA, d(C-C-G-G-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-m5C-

C-C-G-C-C-C-A-G-C-T-G-C-G-T-G) (1:1) (9CI) (CA INDEX NAME)

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen phosphate) (9CI) (CA INDEX NAME)

SO Journal of the American Chemical Society (1997), 119(22), 5081-5090

CODEN: JACSAT; ISSN: 0002-7863

PB American Chemical Society

DT Journal

LA English

IT 190977-46-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(efficiency of light-directed synthesis of DNA arrays on glass
substrates)

RN 190977-46-9 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1996:485943 CAPLUS

DN 125:188623

TI Binding Studies of a Triple-Helical Peptide Model of Macrophage Scavenger
Receptor to Tetraplex Nucleic Acids

AU Mielewczyk, Slawomir S.; Anachi, Rajini Balakrishnan; Breslauer, Kenneth
J.; Brodsky, Barbara

CS Department of Chemistry, Rutgers State University of New Jersey,
Piscataway, NJ, 08855, USA

SO Biochemistry (1996), 35(35), 11396-11402

CODEN: BICHAW; ISSN: 0006-2960

DT Journal

LA English

IT 180617-49-6

RL: BPR (Biological process); PRP (Properties); BIOL (Biological study);
PROC (Process)

(tetraplex; binding studies of a triple-helical peptide model of
macrophage scavenger receptor to tetraplex nucleic acids)

RN 180617-49-6 CAPLUS

CN DNA, d(T-I-I-I-I-I-I-I-I-I-T) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1995:274084 CAPLUS

DN 122:122509

TI Anti-human immunodeficiency virus activity of a novel class of
thiopurine-based oligonucleotides

AU Meyer, Rich B., Jr.; Gall, Alexander A.; Gorn, Vladimir V.

CS MicroProbe Corp., Bothell, WA, 98021, USA

SO ACS Symp. Ser. (1994), 580(Carbohydrate Modifications in Antisense
Research), 199-210

CODEN: ACSMC8; ISSN: 0097-6156

DT Journal

LA English

IT 160967-97-5P 160967-98-6P 160967-99-7P

160968-00-3P 160968-01-4P 160968-02-5P

160968-03-6P 160968-04-7P 160968-06-9P

160968-08-1P 160968-09-2P 160968-10-5P

160968-11-6P 160968-12-7P

RL: BAC (Biological activity or effector, except adverse); PRP

(Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL

(Biological study); PREP (Preparation); USES (Uses)

(anti-human immunodeficiency virus activity of novel class of
thiopurine-based oligonucleotides in human cells)

RN 160967-97-5 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl
hydrogen phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160967-98-6 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im), 3'-(6-hydroxyhexyl hydrogen phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160967-99-7 CAPLUS

CN RNA, (P-thio)(m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen phosphorothioate) (9CI) (CA
INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-00-3 CAPLUS

CN RNA, (P-thio)(m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen
phosphorothioate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-01-4 CAPLUS

m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen
phosphate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-09-2 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im),
3'-[(3R-trans)-1-[[[(3.beta.)-cholest-5-en-3-yl]oxy]carbonyl]-5-
(hydroxymethyl)-3-pyrrolidinyl hydrogen phosphate] (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-10-5 CAPLUS

CN RNA, (m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen phosphate) (9CI) (CA
INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-11-6 CAPLUS

CN RNA, (P-thio)(m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-m1s6Im-
m1s6Im-
m1s6Im-m1s6Im-m1s6Im-m1s6Im), 3'-(6-hydroxyhexyl hydrogen
phosphorothioate) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 160968-12-7 CAPLUS

L6 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1995:4161 CAPLUS

DN 122:126439

TI Investigations of oligodeoxyinosine for triple helix formation

AU Hogeland, Jane S.; Weller, Dwight D.

CS Dep. Chem., Oregon State Univ., Corvallis, OR, 97331, USA

SO Antisense Res. Dev. (1993), 3(3), 285-90

CODEN: AREDEI; ISSN: 1050-5261

DT Journal

LA English

IT 160831-73-2

RL: PRP (Properties)

(DNA triple helix formation with oligodeoxyinosine)

RN 160831-73-2 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1994:271061 CAPLUS

DN 120:271061

TI Matrix-assisted laser-desorption mass spectrometry of homopolymer oligodeoxyribonucleotides. Influence of base composition on the mass spectrometric response

AU Schneider, Klaus; Chait, Brian T.

CS Rockefeller Univ., New York, NY, 10021, USA

SO Org. Mass Spectrom. (1993), 28(11), 1353-61

CODEN: ORMSBG; ISSN: 0030-493X

DT Journal

LA English

IT 154655-27-3

RL: PRP (Properties)

(matrix-assisted laser-desorption mass spectrometry of homopolymer oligodeoxyribonucleotides in DNA sequence detn.)

RN 154655-27-3 CAPLUS

CN DNA, d(I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1992:408370 CAPLUS

DN 117:8370

TI Preparation of polyoxyalkylene-linked oligonucleotide derivatives as antiviral agents

IN Shibahara, Susumu; Morisawa, Hirokazu; Yamamoto, Naoki; Wakayama, Hideko; Mukoyama, Sachiko

PA Ajinomoto Co., Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

(U-U-A-A-I-A-I-I-I-I-I-I-I-I-I-I-C-C-C-A-U-U-C-I-A) (1:1) (9CI) (CA INDEX NAME)

(5'.fwdarw.3')-cytidyl-(5'.fwdarw.3')-cytidyl-(5'.fwdarw.3')-cytidyl-
(5'.fwdarw.3')-uridyl-(5'.fwdarw.3')-uridyl-(5'.fwdarw.3')-adenosine
(1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 135493-69-5
CMF C196 H225 N76 O118 P19
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 135493-65-1
CMF C184 H237 N64 O118 P19
CCI MAN
CDES 5:ALL,B-D-RIBO

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1990:235780 CAPLUS

DN 112:235780

TI Preparation of oligoribonucleotides as antiviral agents for treatment of
AIDS

IN Shibahara, Susumu; Morisawa, Hirokazu; Nakajima, Hideki; Yamamoto, Naoki;
Mukai, Sachiko

PA Ajinomoto Co., Inc., Japan

SO Eur. Pat. Appl., 53 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 339842	A2	19891102	EP 1989-303700	19890413
	EP 339842	A3	19940309		
	EP 339842	B1	19961106		
	R: DE, FR, GB				
	JP 03128391	A2	19910531	JP 1989-64058	19890316
	JP 2976436	B2	19991110		
	EP 739899	A2	19961030	EP 1996-106543	19890413
	EP 739899	A3	19961218		
	EP 739899	B1	20010613		

EP 739900	A2	19961030	EP 1996-106544	19890413
EP 739900	A3	19961218		
EP 739900	B1	20010613		

EP 739901	A2	19961030	EP 1996-106545	19890413
EP 739901	A3	19961113		
EP 739901	B1	20011219		

EP 739902	A2	19961030	EP 1996-106546	19890413
EP 739902	A3	19961218		
EP 739902	B1	20010613		

PRAI JP 1988-104943 A 19880427

JP 1988-138966	A	19880606
JP 1988-168142	A	19880706
JP 1988-227887	A	19880912
JP 1988-238481	A	19880922
JP 1989-24372	A	19890202
JP 1989-64058	A	19890316
EP 1989-303700	A3	19890413

IT 119939-11-6P 127119-90-8P 127119-91-9P

RN 119939-11-6 CAPLUS

[illegible]

RN 127119-90-8 CAPLUS

CN Inosine, P-thioinosinylyl-(2'.fwdarw.5')-P-thioinosinylyl-(2'.fwdarw.5')-P-thioinosinylyl-(2'.fwdarw.5')-P-thioinosinylyl-(2'.fwdarw.5')-P-thioinosinylyl-(2'.fwdarw.5')-P-thioinosinylyl-(2'.fwdarw.5')-P-

[illegible]

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 127119-91-9 CAPLUS

[illegible]

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1989:546319 CAPLUS

DN 111:146319

TI Inhibition of human immunodeficiency virus (HIV-1) replication by synthetic oligo-RNA derivatives

AU Shibahara, Susumu; Mukai, Sachiko; Morisawa, Hirokazu; Nakashima, Hideki;
Kobayashi, Susumu; Yamamoto, Naoki

CS Cent. Res. Lab., Ajinomoto Co., Inc., Kawasaki, 210, Japan

SO Nucleic Acids Res. (1989), 17(1), 239-52

CODEN: NARHAD; ISSN: 0305-1048

DT Journal

LA English

IT 119939-11-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. and human immunodeficiency virus replication inhibition by)

RN 119939-11-6 CAPLUS

[illegible]

2'-O-methyl-P-thioinosinyl-(3'.fwdarw.5')-2'-O-methyl-P-thioinosinyl-
(3'.fwdarw.5')-2'-O-methyl-P-thioinosinyl-(3'.fwdarw.5')-2'-O-methyl-P-
thioinosinyl-(3'.fwdarw.5')-2'-O-methyl-P-thioinosinyl-(3'.fwdarw.5')-
2'-O-methyl-P-thioinosinyl-(3'.fwdarw.5')-3'-O-methyl- (9CI) (CA INDEX
NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L6 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1981:567002 CAPLUS

DN 95:167002

TI Induction of interferon production by modified nucleic acid complexes

IN Ts'o, Paul O. P.; Carter, William A.

PA Johns Hopkins University, USA

SO Can., 41 pp. Division of Can. Appl. No. 212,624.

CODEN: CAXXA4

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CA 1101849	A2	19810526	CA 1979-336619	19790928
US 4024222	A	19770517	US 1973-411119	19731030
CA 1073387	A1	19800311	CA 1974-212624	19741030
PRAI US 1973-411119		19731030		
CA 1974-212624		19741030		
IT 79394-94-8		79395-03-2		

RL: BIOL (Biological study)
(interferon induction by)

RN 79394-94-8 CAPLUS

CN 5'-Inosinic acid, 2'-O-methyl-, polymer with inosinyl-(3'.fwdarw.5')-
inosinyl-(3'.fwdarw.5')-inosinyl-(3'.fwdarw.5')-inosinyl-
(3'.fwdarw.5')-inosinyl-(3'.fwdarw.5')-inosinyl-(3'.fwdarw.5')-
inosinyl-(3'.fwdarw.5')-inosinyl-(3'.fwdarw.5')-inosinyl-
(3'.fwdarw.5')-inosine, complex with 5'-cytidylic acid homopolymer (1:1)
(9CI) (CA INDEX NAME)

CM 1

CRN 39014-25-0

CMF C100 H111 N40 O68 P9

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 15475-12-4
CMF C11 H15 N4 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

CM 3

CRN 30811-80-4
CMF (C9 H14 N3 O8 P)x
CCI PMS

CM 4

CRN 63-37-6
CMF C9 H14 N3 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

RN 79395-03-2 CAPLUS

CN 5'-Cytidylic acid, homopolymer, complex with inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-

(3'.fwdarw.5')-inosine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 39014-25-0

CMF C100 H111 N40 O68 P9

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4

CMF (C9 H14 N3 O8 P)x

CCI PMS

CM 3

CRN 63-37-6

CMF C9 H14 N3 O8 P

CDES 5:B-D-RIBO

Absolute stereochemistry.

L6 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1975:402601 CAPLUS

DN 83:2601

TI Comparative ability of RNA and DNA to prime DNA synthesis in vitro. Role

of sequence, sugar, and structure of template . primer
AU Tambllyn, Toby M.; Wells, Robert D.
CS Coll. Agric. Life Sci., Univ. Wisconsin, Madison, Wis., USA
SO Biochemistry (1975), 14(7), 1412-25
CODEN: BICHAW
DT Journal
LA English
IT 55512-76-0
RL: BIOL (Biological study)
(DNA polymerase priming by)
RN 55512-76-0 CAPLUS
CN 3'-Inosinic acid, inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-
inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-
(3'.fwdarw.5')- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L6 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1974:37419 CAPLUS
DN 80:37419
TI Cooperative and thermodynamic parameters for oligoinosinate-polycytidylate
complexes
AU Springgate, M. W.; Poland, Douglas
CS Dep. Chem., Johns Hopkins Univ., Baltimore, Md., USA
SO Biopolymers (1973), 12(10), 2241-60

CODEN: BIPMAA

DT Journal

LA English

IT 51236-39-6 51288-32-5

RL: PRP (Properties)

(thermodynamic properties of)

RN 51236-39-6 CAPLUS

CN 5'-Inosinic acid, inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-, complex with 5'-cytidylic acid homopolymer (1:1) (9CI)
(CA INDEX NAME)

CM 1

CRN 51236-38-5

CMF C110 H123 N44 O78 P11

CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4
CMF (C9 H14 N3 O8 P)x
CCI PMS

CM 3

CRN 63-37-6
CMF C9 H14 N3 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

RN 51288-32-5 CAPLUS
CN 5'-Inosinic acid, inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-
(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-
inosinylyl-(5'.fwdarw.3')-inosinylyl-(5'.fwdarw.3')-, complex with
5'-cytidylic acid homopolymer (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 51288-31-4
CMF C100 H112 N40 O71 P10
CDES 5:ALL,B-D-RIBO

Absolute stereochemistry.

CM 2

CRN 30811-80-4
CMF (C9 H14 N3 O8 P)x
CCI PMS

CM 3

CRN 63-37-6
CMF C9 H14 N3 O8 P
CDES 5:B-D-RIBO

Absolute stereochemistry.

L6 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS

AN 1972:540441 CAPLUS

DN 77:140441

TI Oligonucleotides. 2. Conformation of oligoinosinates. Chain-length dependence and comparison to other oligonucleotides

AU Tazawa, Setsuko; Tazawa, Ichiro; Alderfer, James L.; Ts'o, Paul O. P.

CS Dep. Radiol. Sci., Johns Hopkins Univ., Baltimore, Md., USA

SO Biochemistry (1972), 11(19), 3544-58

CODEN: BICHA W

DT Journal

LA English

IT 39014-26-1

RL: PRP (Properties)

(conformation of, CD and NMR in relation to)

RN 39014-26-1 CAPLUS

CN Inosine, inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')-inosinylyl-(3'.fwdarw.5')- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		36.43	136.35

STN INTERNATIONAL LOGOFF AT 12:40:16 ON 18 JUL 2002